



PATENT ABSTRACTS OF JAPAN

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(71) Applicant: **HITACHI LTD**
 (72) Inventor: **KIMURA KATSUTAKA**
HATAE HIROSHI
ANDO HARUHISA

(54) SOLID-STATE IMAGE PICKUP DEVICE AND CONTROL METHOD THEREOF**(57) Abstract:**

PURPOSE: To control the performance of the solid-state image pickup elements to provide the high resolution under the relatively high intensity of illumination and to provide the positive S/N under the low intensity of illumination.

CONSTITUTION: A mode circuit 6 decides the optimum operation of a solid-state image pickup element 1 receiving the output picture information of the solid-state image pickup device, the result of decision is informed to a timing signal generation circuit 3 and a timing signal to be sent from the timing signal generation circuit 3 to the solid-state image pickup element 1 is changed. By changing the timing signal, the operation mode adding and reading a plurality of picture

element signals is selected under the low intensity of illumination, and the operation mode reading signals from each picture element at the normal operation is selected under the high intensity of illumination.

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